

Brotherhood Week

'Do Unto Others' Included In World's Major Religions

Next week, February 21 through 27, is Brotherhood Week. It is a time of national inventory. Every citizen is encouraged to evaluate the progress we as individuals and as a nation have made toward a better way of life for all, not in any materialistic sense but in the humanistic and Judaeo-Christian spirit of universal brotherhood.

For instance, did you know that the eight major religions of the world state practically the same thing on brotherhood? More than three quarters of the world's population adhere to beliefs of these eight religions. For instance:

BRAHMANISM: "This is the sum of duty; do naught unto others which would cause pain if done unto you."

BUDDHISM: "Hurt not others in ways that you yourself would find hurtful."

JUDAISM: "What is hateful to you, do not to your fellow man. That is the entire law, all the rest is commentary."

CONFUCIANISM: "There is one maxim of loving kindness: do not unto others what you would not have them do unto you."

TAOISM: "Regard your neighbor's gain as your own gain, and your neighbor's loss as your own loss."

ZOROASTRIANISM: "That nature alone is good which refrains from doing unto another whatsoever is not good for itself."

CHRISTIANITY: "All things whatsoever ye would that men should do to you, do ye even so to them; for this is the law and the prophets."

ISLAM: "No one of you is a believer until he desires for his brother that which he desires for himself."

What Is An American?

by Harold W. Ruopp

AN AMERICAN is one who believes in the right of men and women of whatever creed, class, color or ancestry, to live as human beings with the dignity becoming the children of God.

AN AMERICAN is one who believes in the right to be free; free not only from crushing coercions and dictatorships and regimentation, but free for that way of life where men may think and speak as they choose and worship God as they see fit.

AN AMERICAN is one who believes in the right to vote, the right to work, the right to learn, the right to live, and — what is equally important — in the right to be different; for he knows that if we ever lose the right to be different we lose the right to be free.

AN AMERICAN is one who believes in democracy, not only for himself but for all his fellow-Americans. By democracy he means not simply the rule of the

Continued on Page 4

ORO-AEC Manager Sapirie Sees Y-12's Unique Capabilities As National Asset

Another recent speech included some salient remarks concerning Y-12, its prospects for the future, and its current status. S. R. Sapirie, manager of the Oak Ridge Operations of the Atomic Energy Commission, delivered his Status Report to the Oak Ridge Rotary Club. The speech was given February 4, a year after a similar speech was made before the same group.

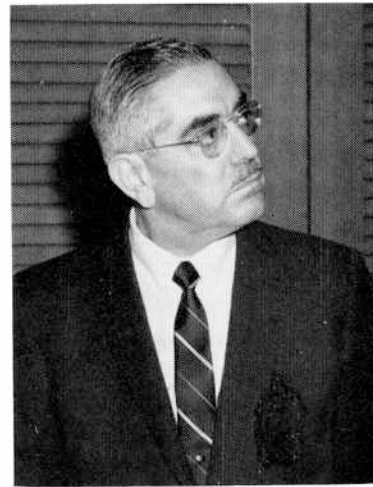
"The Y-12 Plant in calendar year 1964 experienced a net reduction in employment of 432," Sapirie pointed out. "Only 202 of these were what you would term 'layoffs.' The remainder represent positions that became vacant through normal attrition such as by retirement or resignation. On January the fifth (1965) we announced that programmatic changes will necessitate a further reduction of approximately 1000 in calendar year 1965. This is inconsistent with the statement I made to you a year ago that the 'weapons development and fabrication work at Y-12 is not likely to diminish much in the foreseeable future.' That was one of the hazy spots in my crystal ball and is the reason I must now wear safety glasses while gazing into it.

Fluctuation Not New

"One must bear in mind that the work requirements of the Y-12 Plant are controlled in the final analysis largely by the needs of the Department of Defense and other Federal agencies. As such, they are, therefore, susceptible to both long term and short term fluctuations. Many of these are not readily predictable. We may face a number of such fluctuations in the future which could affect employment either upward or downward. Fluctuations in programs in this plant are not new to us. We have had many major program changes in the past which drastically affected our operations. For example, we had one production operation at Y-12 in the late 1950's which at its peak employed approximately 1,400 people. When the production goals for this operation were attained, the project was phased out completely. In this case, as with a number of others in the past, we were fortunate in building up other programs to offset the completed work and thereby maintain reasonable stability in total employment at Y-12. Most of the original Y-12 buildings are being reused, many for the third and fourth times.

Oak Ridge Diversified

"This might be a good place for me to clarify one point. Oak Ridge is not being dismantled with the work being shifted elsewhere. The reductions here are due to diminishing requirements or phasing out of an activity rather than the transfer of projects from Oak Ridge to other AEC installations. Most AEC facilities are special purpose installations which have been set up to perform certain specific tasks. Oak Ridge is no exception. It happens, however, that we do have a great variety of specialized tasks to perform. Oak Ridge is more diversified than any



S. R. Sapirie

other AEC installation, and our activities touch on most major programs of the Commission. The AEC tries to assign its programs to the facility best qualified and best equipped to perform the work in the most efficient and economical manner. The plan announced last Friday to transfer uranium machining work from Rocky Flats to Y-12 is a good example. Unnecessary duplication is expensive and cannot be justified. We are fortunate that the three major plants here in Oak Ridge are operated for the Commission by the highly efficient organization of Union Carbide Corporation. This gives Oak Ridge assurance of a favorable competitive position.

"I predict for Y-12 recognition of its unique capabilities as a national asset," Sapirie continued, "justifying the assignment of work from other Federal agencies as well as the AEC. The support marshalled by this recognition should be reflected by new work assignments in the near future. However, further slippage in total worker population is possible before the trend is reversed."

Total Outlook Good

Optimistic in predictions of the Oak Ridge complex as a whole, Sapirie believes that the Oak Ridge Gaseous Diffusion Plant will be again operating at full capacity sometime in the mid 1970's.

He foresees a continuation of construction of new facilities in Oak Ridge at a level similar to that authorized during the last few years and mostly for research and development. For fiscal year 1966, new construction should total between 13 and 14 million dollars, including miscellaneous general plant projects

as well as three 'line item' projects for which the AEC is requesting authorization as announced at the time of the President's Budget Message.

"I see a continuing growth in the multi-plant combined attack on important national problems utilizing the available talents of all Oak Ridge facilities to best advantage.

Employment Is Stable

"It is interesting to note that Carbide's total employment in Oak Ridge has been quite stable in the last few years although the payroll in dollars has increased every year since 1949 and has more than trebled during this 15-year period. In 1964, it totalled in excess of \$105 million, an increase of more than \$4 million above 1963. It is also worth mentioning again that both Carbide and the AEC are concerned about each employee who must be released due to programmatic changes. Carbide's Special Office of Employee Placement is making a determined effort to assist in placing employees affected by the recently announced program reduction at Y-12. At least 126 firm offers have been made so far," he continued.

"Last year, I complimented the City of Oak Ridge on reaching maturity as demonstrated by the poised and responsible manner in which the City responded to the President's announcement of the reduction in enriched uranium production. The manner in which Oak Ridge has responded to the recent Y-12 production cutback announcement is a further demonstration of that maturity. I

Continued on Page 4

Spiewak To Speak At ASME Meeting

The Oak Ridge Subsection of the American Society of Mechanical Engineers will meet tomorrow, February 18. The meeting Thursday is set at 8 p.m. at the Elks Lodge, Arkansas Avenue, Oak Ridge.

Irving Spiewak, Oak Ridge National Laboratory's Reactor Division, will speak on "Use of Large Nuclear Reactors for Desalination of Sea Water." At ORNL he serves as head of an Engineering Development Department and Deputy Director of the Oak Ridge Nuclear Desalting Program.

Spiewak received his BS degree in chemical engineering from Massachusetts Institute of Technology. He was a member of the joint Israel-United States Desalting Team, a group formed to investigate the water and power needs of Israel and to make recommendations to the two governments on using nuclear desalting to satisfy these needs.

He is a member of the American Nuclear Society; on the National Program Committee and is Program Chairman for the Annual Meeting to be held in Gatlinburg in June.

He will present, along with his talk, a travelogue in slides of his trip to Israel.

All ASME members and guests are welcome at the meeting.

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Pantomimist Here Saturday At Ridge

"Completely brilliant" is the New York Times' word for the pantomime of Tony Montanaro. The Junior Playhouse will present Montanaro, the Mime Storyteller Saturday, February 20th in two performances . . . at 2 and 4 p.m.

Montanaro is an artist of a calibre not often seen on the local stage. He is a student of the famed French pantomimist Marcel Marceau (seen recently on the Red Skelton show), who was so impressed with Tony's talent that he gave him a scholarship to his famous Ecole in Paris. Immediately afterwards, Montanaro went to Italy to film 20 weeks on TV commercials built around material of his own creation.

Since returning to this country, Montanaro has been busy with Off-Broadway, TV and Children's Theatre. He was seen during the past Christmas season in a special, "Let the Merry Bells Ring," on which he did several solo mime portions.

Together with his partner Michael Henry, Montanaro presents a program wherein the audience meets lion-tamers, baseball players, clowns, piano movers, and many more, all without a spoken word. The program is divided into sections, the first being a demonstration and explanation of the mime technique, the second being a series of slightly longer sketches acquainting the audience with their mode of presentation, and the third section is a group of highly developed portrayals which demonstrate the exquisite technique and marvelous sense of humor which is a trademark of the famed pantomimist.

Single admission for Saturday's performance is 60 cents, adult or child. Tickets may be obtained in advance at the elementary schools in Oak Ridge, or at Jackson Square Pharmacy. They will also be available at the Jefferson Junior High Box Office, where the performance will be held, prior to curtain time.

Bell, Kelley, Lazar To Discuss 'DCX-2'

P. R. Bell, G. G. Kelley and N. H. Lazar will discuss the "DCX-2" at this week's Thermo-nuclear Division seminar.

It is set for 9 a.m. tomorrow, Thursday, February 18, in the Conference Room, Building 9201-2.

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The number of aerosol pressure-packed containers used every year is well over a billion.

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TECHNICAL SERVICES celebrated Christmas a little late . . . or Valentine's Day a little early. They weren't quite sure, but celebrate they did at a festive dinner-dance, Saturday, February 6. The affair was held at the Oak Terrace Ball Room, with music provided by the Martiniques. A social hour was hastily arranged Saturday just prior to the eating. They all had such a good time that it was decided to hold their Christmas party again next Spring. An interesting switch, isn't it? A special tip of the hat to committee members who worked long and hard on the successful party . . . Daisy Ward, Morgan Carter, Jack Gresham, Dot Woullard, Bea Cameron, Mary Ann Wright and Barbara Pullen.

New AEC Film Describes Space Nuclear Detection

A new color motion picture, which describes the detection of nuclear explosions beyond the earth's atmosphere by satellites, is now available for loan from the Atomic Energy Commission.

Entitled "Vela Program: Satellite Detection System," the 16mm, 17 and one-half minute film explains the nature of the atmosphere surrounding our planet and the problems involved in the detection of nuclear explosions outside our atmosphere.

The film may be borrowed, free of charge except for return postage, by contacting the AEC Film Loan Library, P. O. Box E, Oak Ridge.

PILGRIMS PROGRESS

In 1635, 15 years after the pilgrims landed at Plymouth Rock, John Winthrop Jr. started a chemical business in Boston, manufacturing saltpeter and alum.



Ride wanted or will join car pool from Glendale, Tennessee, to Central Portal, straight day. C. E. Spradlin, plant phone 3-7951.

Ride wanted from 160 Illinois Avenue, Oak Ridge, to Central Portal, H and J Shift. J. J. Winslett, plant phone 3-7549, home phone Oak Ridge 482-1943.

Riders wanted from vicinity of Cumberland Estates, Karns area, to Central or West Portal, straight day. Jim George, plant phone 3-5896, home phone Knoxville 588-6474.

TV'S A TO X

More than 90 chemicals—from acetic acids to xenon—go into the manufacture of television equipment.

Geo. Washington

Born February 22, 1732

"Labor to keep alive in your breast that little spark of celestial fire, conscience."

"I have never made an appointment from a desire to serve a friend or relative."

"Every attempt to alienate any portion of our country from the rest should be indignantly frowned upon."

"There can be no greater error than to expect or calculate upon real favors from nation to nation."

"To be prepared for war is one of the most effectual means of preserving peace."

"There is a rank due to the United States among nations which will be withheld, if not absolutely lost, by the reputation of weakness."

Obeys security regulations.

Next Monday Is Holiday For Washington's Day

Monday, February 22, is an official holiday in Y-12. No employee will be required to be at work except those necessary for the protection or continuous operation of the plant.

The nation pays homage to its first president, George Washington . . . often called the 'father of his country.'

Gibbons Leads Physics Division Seminar Friday

J. H. Gibbons will lead this week's Oak Ridge National Laboratory's Physics Division seminar. His subject will be "Neutron Capture and Isotopic Abundance: The Primary Empirical Evidence for Stellar Nucleosynthesis."

It is set for Friday, 3:15 p.m., February 19, in the East Auditorium of ORNL's 4500 building.





PRESENTING Y-12'S BOWLING CHAMPS of the year . . . Don Branson and Lou Anfinson. Don's 1775 All Events scratch score brought him the men's title . . . and Lou's 1481 score was tops for the distaff rollers. Meanwhile, bowlers are gearing for the All-Carbine affair the last week-end in March and the first week-end in April.

All-Carbine Tilt On Alleys Is Set

Y-12 bowlers will be interested in the week-ends of March 27, 28 and April 3 and 4. That's the big All Carbine Bowling Tournament's set dates. To qualify a man or woman must have bowled at least 12 games in regularly sanctioned leagues between September 1, 1964 and Friday week, February 26.

Your bowling league secretary has application forms. If you bowl in a non-Carbine league, Recreation can supply you with applications.

Entries will close March 12, at 4:30 p.m. Money must accompany entries, as usual. The cost is \$2.50 per bowler per event . . . with \$1 being prize fee and \$1.50 the line fee.

Teams will be scheduled the first week-end of the tournament, and singles and doubles will be set for the week-end of April 3, 4.

Big 5 New Leader In C League Race

The Big Five jumped into the C League lead last week by out-bowling the Rounders, for four full points. Also moving up, the Hi Lifers rammed past the Rodders, and the Five Roses beat the Badgers. The Shud-A-Beens took the Strikers and the Parbustlers overcame the Hookers. The only three-point win of the day went to the Lucky Strikes over the Sunflowers.

The C League will bowl next Monday, February 22, to make up the schedule lost Monday, February 1. Snow cancelled play that night, and the tilts set for then will be played next Monday.

Last week, it was R. E. Levline, Five Roses, rolling high singles, as he took a 247 scratch, 265 handicap game. Ed Sise, Big Five rolled high series, posting scores of 621 and 681.

The Five Roses swept the boards, taking singles of 970 scratch, 1090 handicap and series of 2659 and 3019.

League standings follow:

Team	W	L
Big Five	17	7
Hi Lifers	15	9
Rounders	14	10
Five Roses	14	10
Strikers	13	11
Shud-A-Beens	13	11
Lucky Strikes	12	12
Parbustlers	11	13
Hookers	10	14
Sunflowers	10	14
Rodders	8	16
Badgers	7	17

An oppressed minority is a man with a wife and two daughters.



Recreation



Sunday, February 21

SKEET LEAGUE: 1 p.m., Oak Ridge Sportsmen Association firing range.

Monday, February 22

HOLIDAY FOR Y-12ers
BOWLING: C League Make-Up Schedule, 5:45 p.m., Ark Lanes.

Tuesday, February 23

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gym.

Wednesday, February 24

BOWLING: E League, 10 a.m.; Mixed League, 8 p.m., Ark Lanes.

PISTOL LEAGUE: 7:30 p.m., Anderson County Gun Club, Clinton.

BASKETBALL: 6:30 p.m., Oak Ridge High School Gym.

Thursday, February 25

BOWLING: Classic League, 5:45 p.m., Ark Lanes.

VOLLEYBALL: League Play, 7 p.m., Oak Ridge High School Gym.

Friday, February 26

BOWLING: Deadline for entering All-Carbine Tournament, 4:30 p.m.

Goofers Still Mixed Leaders

Top-ranked Goofers was the only team in Y-12's Mixed bowlers to take four points last week. They beat the Bingos. Three points went to the Blue Angels over the Twisters, and the Chumps over the Alley Oops. The Alley Cats-Turtles match ended in a draw. Both teams are now tied for second place.

Muriel Ferguson, Turtles, rolled high singles for women, taking a 197 scratch, 229 handicap game. Her scratch series of 502 was high also. Virginia Newby, Goofers, took a 623 handicap series. Bill Stephens, Goofers, rolled a 212 scratch, 230 handicap single. His scratch series of 551 was high also. Mike Mount, Chumps, rolled a 621 handicap series.

The Goofers swept the board for team honors, singles of 683 and 821 . . . series of 1931 and 2345.

League standings follow:

Team	W	L
Goofers	22	6
Alley Cats	16	12
Turtles	16	12
Alley Oops	14	14
Blue Angels	14	14
Chumps	11	17
Twisters	11	17
Bingos	8	20

Eagles Lose Again In Basketball

The second full week of Basketball League action began last Monday with the Fearless Five clobbering ORINS, 74 to 17. Cloy Goetsch of the Five led teammates with 15 through the hoop. Curtis McGinnis, Ray Cooper and Larry Finch all had 14 each.

Analytical Chemistry eked by Biology 32 to 29. Biology's ace Harvey Goolsby took 13 points . . . while Butch Armstead took nine for the AC group.

The All Stars downed Y-12's Eagles 51 to 39. Hugh Richards and Jim Froula took 13 each for the losers. Jim George tallied 18 for the winning Stars.

Wednesday's action began with Metals and Ceramics besting the All Stars 55 to 40. This was a closer game than the score indicates with the Stars staying right in there all the way. Jim Carter was hot, as usual, with M&C, and took 29 big points.

Biology downed the Fuds in the last game 47 to 39. Herman Thomas (with 16) and Goolsby (with 15) proved the big difference. It was a rough game loosely played. Many floor mistakes were credited to both teams. Don Wood led the losing squad with 10 points.

League standings follow:

Team	W	L
Metals & Ceramics	3	0
Analytical Chemistry	2	0
Fuds	2	1
Biology	2	1
Fearless Five	1	1
All Stars, K-25	1	3
Raiders, Y-12	0	1
ORINS	0	1
Eagles, Y-12	0	3

Y-12 Volleyballers In 2nd, 3rd Place

Two Y-12 teams came with second and third place positions in finals in Volleyball play in the first half . . . the Beavers and Eagles. Y-12's other entry in the league captured the cellar honors. The luckless Yanks won one game, lost 31.

The Set Ups finished with a perfect record . . . 32 wins and no losses.

In final week action the Scrubs downed the Yanks for four, 15-12, 15-9, 15-8 and 15-9. Y-12's Beavers took the K-25 Instruments for three 16-14, 15-3, and 15-7. The Instruments took one 15-12.

Y-12's Eagles took three from the Bums 15-9, 15-4, and 15-9. The Bums captured one game 15-4. The Vaults took four from the ORSORT team, 15-4, 15-11, 15-2 and 15-11. The Old Men managed to win three from the Bums 15-13, 15-7, and 15-1. The Bums came through with one 15-3.

Final 1st Half standings:

Team	W	L
Set Ups	32	0
Beavers, Y-12	26	6
Eagles, Y-12	22	10
Old Men	21	15
K-25 Instruments	18	14
Scrubs	14	14
Vaults	11	21
Bums	9	23
ORSORT	7	25
Yanks, Y-12	1	31

Ferguson Takes Top Pistol League Scores

The Y-12 Pistol League has just completed its eighth match and C. R. Ferguson has the first place handicap position all sewed up with a 289.836. The second place handicap position is a tight race between L. M. Bray 283.776, W. A. Less 283.265, T. C. Swindell 281.289 and G. L. Davis, 280.974.

D. R. Alford set a new season's record with a scratch score of 90 on his slow fire stage, a 94 on the timed fire stage and a 96 on the rapid fire stage for a total of



PRESENTING TEAMS from Y-12's big C League, bowlers par excellent! In the top photo from left are L. R. Edwards, "Shorty" Bryan, H. A. Lay, W. R. McGill and M. L. Cooper . . . of the Shud-A-Beens. In the lower photograph are the Lucky Strikes . . . Loyd Wyatt, Sterling Ryder Jr., Howard Gibbs, Dick Baldwin and Al Groppe.

Classic League Keeps Status Quo

Status quo reigned in the Classic League for bowlers last week . . . as the top teams stayed about even. The only four point win of the week went to the Rebels over the Smelters.

The Rippers keep their lead in first place by their three point win over the Playboys. The Has Beens also took three from the Tigers. Three and one-half points went to the Eightballs over the Wasps. Three points were also racked by the All Stars over the Screwballs and the Wolves over the Swingsters. The Bumpers-Markers, Splinters-Cubs duels ended in draws, each team taking two.

A. Smith, Wolves, took a high single scratch game of 233. Ed Gambill, also of the Wolves, took handicap honors, rolling a single of 264 and a series of 701. Billy Sise, Swingsters, swung into series scratch honors, rolling a 581.

The Swingsters swung high on singles, scratch score of 948, handicap of 1045. The Rippers took series honors, totaling a 2627 scratch, 3011 handicap total.

League standings follow:

Team	W	L
Rippers	19	5
Has Beens	17	7
Eightballs	15½	8½
Tigers	15	9
Swingsters	15	9
All Stars	15	9
Bumpers	14	10
Cubs	13	11
Rebels	13	11
Playboys	11	13
Screwballs	11	13
Wasps	8½	15½
Wolves	8	16
Smelters	6	18
Splinters	6	18
Markers	5	19

PAPER USE UP

World consumption of paper over the past 10 years has grown from 58 million to 97 million tons. This is about 4 million tons annually, with a per capita consumption increase from 45.5 to 62.6 pounds.

280 out of a possible 300. That really gives the rest of the shooters something to 'shoot' for.

Hot Shots Dominate E Bowling Lanes

The Hot Shots dominated the E League for Y-12 bowlers last week, by winning four from the Alley Bees, and by dominating all team highs. The Pintwisters took three from the Cannon Balls and the Four Squares took four by drawing a bye.

E. Hightower, Cannon Balls, rolled a high 234 scratch game, boosted to a 262 handicap single. R. Broome, Hot Shots, came through with a 542 scratch series, and handicap counting of 674.

The Hot Shots singles were 708 scratch, 855 handicap . . . and series of 1903 and 2416.

League standings follow:

Team	W	L
Hot Shots	23	13
Alley Bees	20	16
Pintwisters	19	17
Four Squares	15	17
Cannon Balls	11	21

Beavers Keep Slim Bush Bowl Lead

The Beavers still keep a one and one-half point lead in the Bush Bowling League, thanks to their three point win over the Spec Five outfit. The Rollmasters moved up, however, by besting the Beginners for four points. Three and one-half points went to the Outcasts over the Seven Sixties, and three more went to the Hi Balls over the Teds.

Roger Cloyd, Beavers, was better on singles than any one else. He took a 221 scratch, 249 handicap game. Mike Mount, Rollmasters, rolled a high series of 568 and 673. The Beavers took high singles with 944 scratch, 1096 handicap. Their scratch series of 2487 was high also. The Rollmasters coasted in with high series in handicap counting, taking a 2959.

League standings follow:

Team	W	L
Beavers	19½	8½
Rollmasters	18	10
Outcasts	17	11
Spec Five	16	12
Beginners	13	15
Hi Balls	12½	15½
Seven Sixties	8	20
Teds	8	20

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The edge of Spring finds many Y-12ers celebrating important milestones with Union Carbide Corporation. Congratulations.

20 YEARS

Elva J. Combs, Production Analysis, February 17.

James S. Tilley, Arc Melting, February 21.

Milton L. Rice, Casting Department, February 21.

15 YEARS

Fred K. Clabough, General Machine Shop, February 21.

Arthur W. McGinnis, General Shop Inspection, February 22.

10 YEARS

Joseph V. O'Neil, H-2 and F Area Shops, February 18.

William P. Carroll, Machine Maintenance, February 19.

James E. Bullen, Tool Grinding, February 20.

Lynn B. Cabe, Project Engineering, February 21.

Willie J. Melton, Process Maintenance, February 23.

Peach Daughter In Mars Hill Pageant

Classic Beauty Earns New College Title

More honors have come to Miss Polly Peach, daughter of Mr. and Mrs. George W. Peach, Route 1, Concord. (Last year Polly represented her Freshman class in the May Day Queen Court.) Now a sophomore at Mars Hill College, Mars Hill, North Carolina, Polly is one of the seven finalists for the title Miss Laurel Pageant.

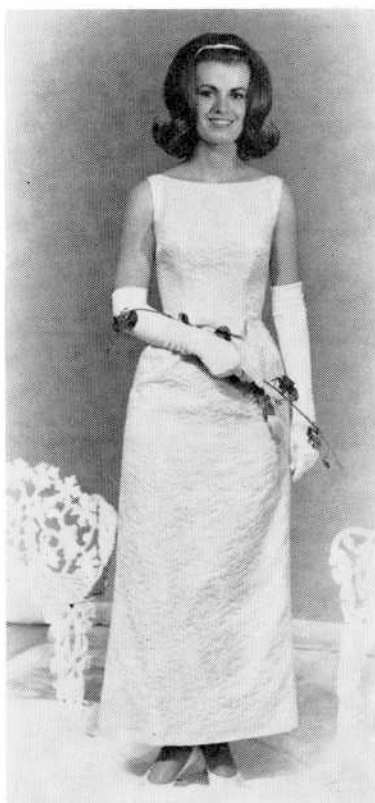
The Laurel is Mars Hill's annual, and the finalist will be Miss Laurel. All seven beauties will appear in the yearbook.

The fair young lady is a business major at Mars Hill, and graduated from Oak Ridge High School in 1963. She was sponsored by the Melrose Dormitory, a men's dorm on the co-educational campus.

Polly was born in Oak Ridge some 20 years ago. (Aren't we coming of age?). The Peaches have three other children . . .

daughters Mrs. Anthony Hitchcock, Oak Ridge; Mrs. Susan Bogart, Cincinnati, who was in the Miss Oak Ridge Pageant in 1959; and son David G. Peach, a Baptist minister in McMinnville. (George, in Y-12's Assembly Division, says they got their looks from him, because 'Mama' still has hers!)

The upcoming finals of the beauty pageant at Mars Hill will be judged by Andy Griffith, noted television star, and himself a native Tarheel.



Miss Polly Peach

Material Handling Society Meet Set

The East Tennessee Chapter of the American Material Handling Society will hold its February meeting tomorrow, Thursday, February 18. The 6:30 dinner meeting will be held at the Bears Restaurant . . . just outside Oak Ridge.

The annual educational meeting will be concerned with five aspects of general material handling: lift trucks, containers and packaging, conveyors, yard handling and storage, and cranes and monorails. A panel of five speakers will briefly discuss each topic.

A tentative program for March is a field trip to the giant strip mining operations at Paradise, Kentucky, where one of the world's largest shovels is in operation. (A film on the construction and operation of this shovel was shown at a previous meeting.)

Due to the proposed field trip, the slate of officers selected by the nominating committee of AMHS will be announced at this week's meeting. All persons interested in material handling, packaging or storage or shipping are invited to attend.

Dinner starts at 6:30 p.m. with the technical session at 7:30.

Kiwanian Veep Is Also A Y-12er!

The new Kiwanis (Oak Ridge) vice president George Walden is also a Y-12er. In a recent Bulletin the new officers were listed as Larry R. Phillips, president and Spence Wallace, secretary.

Walden is in Y-12's Methods Evaluation. The Bulletin regrets the oversight.

Sapirie Sees

Continued from Page 1
have been pleased to note a spirit of willingness to put aside "pointing the finger of blame" in favor of efforts to cooperate in finding ways to resolve the present problems. I feel confident that we of the AEC, the Southern Interstate Nuclear Board, the City and its citizens can join hands in a cooperative effort to bring new activities, new programs, and new industries to Oak Ridge.

Immediate Rough Spots

"In total, I see a bright long term future with some rough spots immediately ahead. The amount of roughness and the duration of its period will be dependent largely on the ingenuity and initiative of our people and the way in which we work together."

In his status report, Sapirie pointed out that four major developments for the past year had marked the somewhat abrupt passage of atomic energy from being primarily a defense industry to being primarily a peace service industry.

These are:

1. The arrival of economic nuclear power.
2. Acceptance of nuclear power as a logical means of attacking the important long range problem of water supply.
3. The filling of the defense pipeline needs for enriched uranium.
4. Passage by Congress of legislation providing authority for private ownership of fissionable materials and the related purchase of uranium enriching services from the Commission by industry.

Peaceful Uses

Significant emphasis was also given to the Project Plowshare and efforts to develop peaceful uses for nuclear explosives. These range from digging canals to stimulating production of petroleum and natural gas and creating new varieties of ultra-heavy chemical elements.

In covering the Union Carbide operated plants, Sapirie also predicted bright futures for the University of Tennessee-Atomic Energy Commission Agricultural Research Laboratory, and the Oak Ridge Institute of Nuclear Studies.

Classified documents should not be left unattended.



GAME NIGHT FOR the big E, F, G, H and J shifts came Saturday, February 6 . . . with a big turn-out. In the top photo are some winners . . . in the center are Mrs. Gene Clowers and Mrs. Ted Higgins, who took a hair-dryer and a waffle iron . . . and in the lower photo are some "during" shots.

Man Occupies Only 15 Minutes Of Time

According to science author Richard Carrington, if the whole of earth's history were compressed into a single year the first eight months would be completely without life.

The following two months would be devoted to the most primitive creatures, ranging from viruses and single-celled bacteria to jellyfish. Mammals would not appear until the second week in December.

Man as he is today would not be found until 11:45 p.m. on December 31. And the age of written history would occupy little more than the last 60 seconds of the year!

Fringe Benefits

American business and industry are contributing a sum of the equivalent of \$1 out of every \$11 of their wage and salary payments to public and private programs for the protection and welfare of their workers and dependents.

An American

Continued from Page 1

majority but the right of minorities; and those minorities have rights, not because they are minorities, but because they are human beings.

AN AMERICAN is one who believes in the responsibility of privilege. What he asks for himself, he is willing to grant to others; what he demands from others, he is willing to give himself. His creed is not alone, 'Live and let live,' but 'Live and help live.'

AN AMERICAN is one who acts from faith in others, not fear of others; from understanding, not prejudice; from good will, not hatred. To bigotry he gives no sanction; to intolerance no support.

The only question THE TRUE AMERICAN ever asks is not, Are you a Protestant or Catholic, Gentile or Jew, white or colored, but, Are you an American? If you are, then give me your hand, for I am an American too.

Security is a full time obligation.

Drivers' Licenses System To Change

Does your driver licenses have the correct address on it? The Tennessee Department of Safety has warned that all drivers should make sure their correct address is listed so that any necessary changes can be made before the state's new licensing law goes into effect July 1.

Under the law, the issuance of licenses was transferred from County Court Clerks to the State Department of Safety.

The Tennessee Legislature also changed the law so that driver licenses will be issued by mail on a birthday system direct from the State Department of Safety, Nashville.

Present licenses will be extended until the driver's first birthday after the law is effective. Notices of the extensions will be mailed to motorists beginning this month, and will be mailed to the driver's last known address.

Check your licenses . . . make sure the address is current . . . if not report to the nearest highway patrol driver license examiner for a change of address form.

Don't give our enemies the means to destroy us.